

## HGS polyclonal antibody

Catalog: BS67422

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Hepatocyte growth factor-regulated tyrosine kinase substrate (HRS) is a ubiquitously expressed, multidomain-containing protein that is tyrosine phosphorylated upon activation of multiple receptor tyrosine kinases. HRS contains a proline-rich region, which may mediate interactions with SH3 domain-containing proteins. Research studies have also demonstrated that HRS possesses a phosphatidylinositol 3-phosphate-binding FYVE-type zinc finger domain and a coiled-coil domain that target it to membranes of the endosomal compartment. HRS also possesses a ubiquitin-interacting motif (UIM) that binds ubiquitinated membrane proteins and, in conjunction with Eps15 and STAM proteins of the ESCRT-0 complex, facilitates their sorting through the endosomal compartment for eventual degradation in the lysosome. Research studies demonstrate that phosphorylation and ubiquitination of HRS play a role in EGFR intracellular trafficking and degradation.

### Product:

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

### Molecular Weight:

~ 100 kDa

### Swiss-Prot:

O14964

### Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

### Applications:

WB (1/500 - 1/1000)

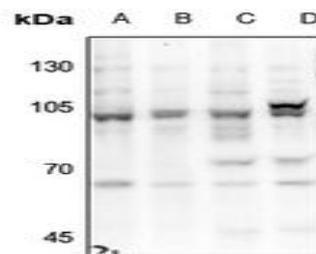
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Recognizes endogenous levels of HGS protein.

### DATA:



Western blot analysis of HGS expression in K562 (A), Panc1 (B), C6 (C), CT26 (D) whole cell lysates.

### Note:

For research use only, not for use in diagnostic procedure.

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